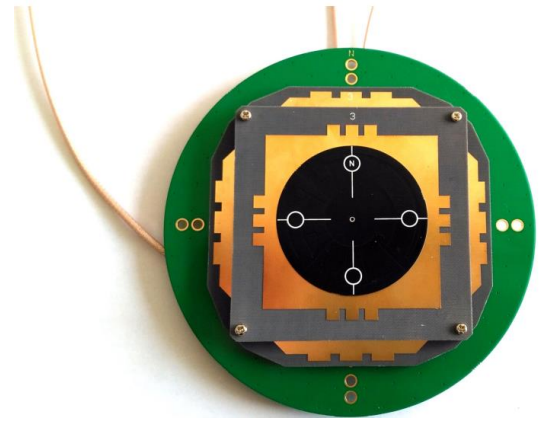


External 3 in 1 Antenna

- 3 ports in the same housing
- Technology: LTE 2*2 MIMO, GPS L1/BD B1
- High gain GNSS antenna (LNA Integrated)
- Screw and Embedded mounting options
- Applications in smart city, small cell, repeater, CPE, wireless networking etc.



Item	Performance Specifications
GNSS Antenna Center Frequency	1575±3MHz
GNSS Antenna Polarization	RHCP
GNSS Antenna Gain	≥5dBi
GNSS Antenna V.S.W.R	≤1.5
GNSS Antenna Impedance	50 Ω
GNSS Antenna Axial Ratio	3dB (max)
GNSS Antenna Phase Center Error	±2mm
GNSS Antenna Horizontal coverage angle	360°
LNA Gain	40±2dB
LNA Noise Figure	≤1.5dB
LNA V.S.W.R	≤2.0
LNA Supply Voltage	3~12V DC
LNA Current Consumption	≤45mA
LNA Passband fluctuation	±1dB
LTE Antenna Frequency Range	698~960MHz/1710~2690MHz
LTE Antenna V.S.W.R	<3.0
LTE Antenna Peak Gain	MAIN:2.5dBi (Zenith) AUX:2.0dBi (Zenith)
LTE Antenna Polarization	Linear
LTE Antenna Impedance	50Ω
Isolation	<-15dB
Cable	GNSS Antenna:RG316, fully customized LTEAntenna:RG178*2, fully customized
Connector	SMA/MCX/FAKRA, fully customized
Mounting Method	Screw or Embedded, fully customized
Operating Temperature	-40°C~+85°C
Relative Humidity	Up to 95%
Environmentally Friendly	ROHS compliant

Antenna Mechanical Drawing

